MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

FEBRUARY 1922

J. A. BROWN, DIRECTOR

PRINTED AT THE UNIVERSITY PRESS

FEBRUARY 1922

METEOROLOGICAL REGISTER

Date	Barometer reduced to 0°C. Sea level and 45° Latitude				Thermometer Cent. (Corrected)			Bright Sun shine hrs.	Rain m.m.
	8:30	2:30	8:30	mean	Max.	Min.	Min.on grass		
1	767.2	766.6	766.5	766.8	17.8	12.3			
2	3.2	0.8	59.4	1.1	17.9	12.8			
3	57.2	56.0	7.8	57.0	19.4	12.8			2.03
4	8.2	6.7	7.4	7.5	15.4	10.7			28.94
5	7.4	7.8	9.0	8.1	17.1	11.7	—	—	24.38
6	63.8	64.9	67.3	65.3	17.7	12.4			8.63
7	8.2	6.8	5.8	6.9	16.8	11.3			
8	2.8	0.1	59.5	0.8	18.2	12.9			
9	58.2	59.3	9.3	58.9	19.1	14.1			
10	8.3	7.7	60.1	8.7	15.7	10.8	—	—	25.13
11	61.9	61.1	1.1	1.4	16.1	10.6			9.89
12	59.0	59.6	1.4	9.7	16.1	8.3			6.09
13	61.7	61.9	2.8	62.1	14.4	8.3			3.05
14	3.1	2.5	2.4	2.7	14.4	8.8			
15	4.1	4.6	5.1	4.6	15.6	11.1	—	—	—
16	5.7	4.2	4.0	4.6	17.1	11.1			
17	58.5	57.5	57.3	57.8	18.8	12.9			0.76
18	5.3	4.3	4.4	4.7	16.3	11.2			13.57
19	8.6	60.4	60.6	9.9	11.6	9.0			1.02
20	9.8	59.0	58.9	9.2	16.1	8.8	—	—	4.19
21	60.7	62.6	63.5	62.4	14.6	8.5			10.79
22	5.6	5.1	5.5	5.7	15.9	9.9			
23	5.6	4.5	4.3	4.6	15.6	9.8			
24	3.2	1.6	0.7	1.8	17.7	11.4			
25	57.3	55.9	55.8	56.3	17.8	12.7	—	—	—
26	5.2	4.8	4.1	4.7	17.3	12.1			1.02
27	2.7	2.0	7.9	4.2	12.6	9.3			16.79
28	64.2	65.8	67.3	65.9	14.8	6.7			6.35
29									
30									
31									
	760.6	760.5	761.0	760.7	16.4	10.8			162.6

BAROMETER

Maximum 768.2 on 7th

Minimum 752.0 on 27th

THERMOMETER

Maximum 19.4 on 3rd

Minimum 6.7 on 28th

Minimum on grass on

RAINFALL

Maximum 28.94 mm. on 4th

Number of days with rain 16 thunderstorms 0 fog 0 gale 3

FEBRUARY 1922

METEOROLOGICAL REGISTER

Date	Dry Bulb Cent. (Corrected)				Wet Bulb Cent. (Corrected)			Elasticity of Vapour mm.				Relative Moisture per cent.			
	8:30	2:30	8:30	mean	8:30	2:30	8:30	8:30	2:30	8:30	mean	8:30	2:30	8:30	mean
1	16.1	16.9	13.8	15.6	13.6	14.2	12.5	10.1	10.3	9.9	10.1	75	72	85	77
2	15.6	17.6	15.7	16.3	12.8	15.2	14.1	9.4	11.3	10.9	10.5	71	76	83	77
3	16.0	18.8	15.2	16.7	12.9	13.9	12.6	9.3	9.2	9.3	9.3	70	57	72	66
4	12.6	14.7	15.1	14.1	11.5	12.1	11.9	9.4	9.1	8.6	9.0	87	73	68	76
5	16.9	14.9	13.9	15.2	13.5	13.7	12.9	9.5	11.0	10.5	10.3	67	87	89	81
6	15.5	17.0	14.1	15.5	12.8	13.8	11.7	9.4	9.9	8.8	9.4	71	70	74	72
7	14.9	16.5	14.4	15.3	10.6	12.1	12.8	9.9	8.2	10.0	9.4	58	58	81	62
8	15.7	17.7	18.1	17.2	13.7	14.3	11.0	10.5	10.1	6.6	9.1	79	67	42	63
9	17.4	17.8	14.0	16.7	11.6	14.8	11.6	7.3	10.7	8.7	8.9	49	71	72	64
10	14.4	14.2	14.3	14.3	11.2	12.1	11.1	8.2	9.2	8.1	8.5	67	77	67	70
11	14.4	15.5	12.3	14.1	10.9	12.6	11.1	7.9	9.2	9.1	8.7	65	69	85	73
12	9.3	11.9	11.6	10.9	8.8	10.6	10.0	8.2	8.7	8.3	8.4	93	84	81	86
13	12.2	13.9	11.2	11.4	10.4	9.3	9.1	8.3	6.5	7.5	7.4	78	56	75	70
14	12.7	14.3	11.7	12.9	9.3	10.1	9.3	7.1	7.2	7.5	7.3	65	59	74	66
15	14.3	15.4	12.5	14.1	10.4	11.3	10.0	7.5	7.9	7.8	7.7	61	61	72	65
16	14.4	16.9	14.2	15.2	10.5	13.6	12.4	7.5	9.6	9.6	8.9	61	67	80	69
17	18.1	18.6	16.1	17.6	14.4	14.3	13.8	10.1	9.7	10.4	10.1	65	60	77	67
18	14.0	13.8	11.6	13.1	10.9	10.5	9.6	8.0	7.7	7.8	7.8	67	66	78	70
19	9.3	11.3	9.4	10.0	4.8	7.2	6.6	4.6	5.7	6.0	5.4	54	57	67	60
20	12.8	14.2	10.6	12.5	9.4	10.4	9.3	7.1	7.4	7.4	7.3	65	62	73	67
21	11.6	13.8	12.1	12.5	2.8	10.0	9.0	8.0	7.2	6.9	7.4	79	61	66	69
22	13.3	15.5	12.2	13.2	9.8	10.7	8.9	7.4	7.2	6.8	7.1	64	55	64	61
23	14.3	15.5	14.3	14.7	10.5	11.1	11.6	7.5	7.6	8.6	7.9	62	58	71	64
24	14.9	17.6	14.9	15.8	9.4	12.8	11.6	6.3	8.4	8.4	7.7	51	57	66	58
25	15.6	17.3	14.9	15.9	11.7	13.3	11.7	8.1	9.1	8.4	8.5	62	61	65	63
26	15.8	15.5	12.2	14.4	12.9	12.7	10.7	9.4	9.3	8.6	9.1	71	76	81	74
27	10.5	11.6	10.0	10.7	8.3	9.6	8.3	7.0	8.8	7.3	7.7	74	77	80	77
28	12.2	14.4	10.4	12.3	9.6	9.1	7.2	7.5	6.2	6.0	6.6	70	50	64	61
29															
30															
31															
	14.1	15.4	13.3	14.2	10.9	12.3	10.8	8.2	8.6	8.4	8.4	67	66	74	69

Height of Barometer above sea level : 33.7 meters.

„ „ Thermometers above ground :

Dry and wet 1.55 m. ; Max. 1.75 m. ; Min. 1.70 m.

Height of Rain Guage : above ground 0.56 m. ; above sea level m.

Gravity Correction −0.79mm.

Time of readings according to Standard Time of 30th E. Meridian.

FEBRUARY 1922

METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	2:30	8:30	mean	8:30	2:30	8:30	Km.		
1	0	0	0	0	Isw	Isw	0	208.4	v. Slight	
2	0	0	0	0	0	0	0	108.9	calm	Heavy dew in
3	0	9cu	10n	6.3	0	2sw	Isw	124.5	v. Slight	the evening
4	10n	10n	10n	10	3sw	3sw	3sw	604.7	rough	Hail & gale in
5	10cu n	10n	10n	10	4sw	3sw	4sw	647.4	v. rough	the evening
6	4cu	Icu	Icu	2.0	Isw	Isw	0	87.1	rough	
7	6cu s	8cu s	0	4.7	In	In	0	118.3	v. Slight	
8	8cu s	9cu s	0	5.7	0	0	0	172.2	calm	
9	10cu s	10s	5cu	8.3	3sw	2sw	Isw	266.1	slight	
10	7cu	10n	8cu	8.3	3sw	4sw	2sw	255.4	rough	
11	10cu n	10n	10n	10	Isw	2sw	2sw	363.6	v. Slight	
12	10n	10n	9n	9.7	4sw	Isw	Isw	635.0	rough	Gale at night
13	9cu n	Icu	9cu n	9.3	0	2n	0	166.3	v. Slight	
14	0	3cu s	2n s	1.7	0	0	0	273.6	calm	Few drops in
15	0	0	0	0	0	Ine	0	112.6	,,	the evening
16	Is	9s ci	10n	6.7	0	Isw	0	122.0	,,	
17	9cu	9cu s	6n s	8.0	0	Isw	2sw	185.3	,,	
18	10n	10n	10n	10	2sw	2sw	4sw	416.8	v. Slight	Hail at 8 p. m.
19	10n	10cu n	10n	10	3sw	Isw	Isw	942.9	v. rough	Gale at night
20	10n	10cu n	10n	10	0	0	3ne	189.9	v. Slight	
21	5cu	4cu	0	3.0	0	In	0	157.7	calm	
22	10cu n	0	0	3.3	0	0	0	98.1	,,	
23	0	9cu ci	0	3.0	0	2n	2ne	93.6	v. Slight	
24	Ici	0	0	0.3	0	0	0	344.4	calm	
25	8cu s	10cu s	4cu s	7.3	0	Ine	0	78.9	,,	
26	10cu n	10n	10n	10	2sw	2sw	2sw	155.8	v. Slight	
27	10n	9cu n	10n	9.7	3sw	4sw	Ine	414.4	rough	
28	8cu	0	0	2.7	Isw	0	0	630.8	v. Slight	
29										
30										
31										
				6.0				284.8		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	1	0	0	0	0	13	0	0	14
2:30	4	2	0	0	0	15	0	0	7
8:30	0	3	0	0	0	11	0	0	14
Totals	5	5	0	0	0	39	0	0	35